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Confirmation No.: 7648

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Paul S. Mischel et al. Examiner: Not yet assigned  
Serial No.: 10/701,490 Group Art Unit: 1642  
Filed: November 5, 2003 Docket: G&C 30435.148-US-U1  
Title: METHODS AND MATERIALS FOR EXAMINING PATHWAYS ASSOCIATED WITH  
GLIOBLASTOMA PROGRESSION

**CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8**

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By: 

Name: William J. Wood

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Information Disclosure Statement and Form PTO-1449.
- ☒ Cited Reference(s).
- ☒ Return postcard.

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

**CUSTOMER NUMBER 22462**

**GATES & COOPER LLP**

Howard Hughes Center  
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Los Angeles, CA 90045  
(310) 641-8797

By: 

Name: William J. Wood

Reg. No.: 42,236

WJW/sjm

(PTO TRANSMITTAL - GENERAL)

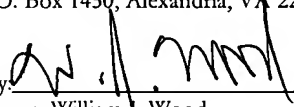


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**INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each foreign patent document and each non-patent document listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

Respectfully submitted,

GATES & COOPER LLP  
Attorneys for Applicant(s)

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045  
(310) 641-8797

Date: October 5, 2004

WJW/sjm

By: 

William J. Wood  
Reg. No.: 42,236

Form 1449*	Docket Number: G&C 30435.148-US-U1	Application Number: 10/701,490
<b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>	Applicant: Paul S. Mischel et al.	
	Filing Date: November 5, 2003	Group Art Unit: 1642

U.S. PATENT DOCUMENTS							
EXAMINER	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Bianco et al., "Loss of PTEN/MMAC1/TEP in EGF receptor-expressing tumor cells counteracts the antitumor action of EGFR tyrosine kinase inhibitors," <i>Oncogene</i> , 2003, 22:2812-2822					
		Blume-Jensen et al., "Oncogenic kinase signalling," <i>Nature</i> , May 17, 2001, 411:355-365					
		Burgering et al., "Cell cycle and death control: long live Forkheads," <i>TRENDS in Biochemical Sciences</i> , July 2002, 27(7):352-360					
		Choe et al., "Active Matrix Metalloproteinase 9 Expression Is Associated with Primary Glioblastoma Subtype <sup>1</sup> ," <i>Clinical Cancer Research</i> , September 2002, 8:2894-2901					
		Daneshmand et al., "A Pharmacodynamic Study of the Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor ZD1839 in Metastatic Colorectal Cancer Patients," <i>Clinical Cancer Research</i> , July 2003, 9:2457-2464					
		Davies et al., "Adenoviral Transgene Expression of MMAC/PTEN in Human Glioma Cells Inhibits Akt Activation and Induces Anoikis <sup>1</sup> ," <i>Cancer Research</i> , December 1, 1998, 58:5285-5290					
		Davies et al., "Regulation of Akt/PKB Activity, Cellular Growth, and Apoptosis in Prostate Carcinoma Cells by MMAC/PTEN <sup>1</sup> ," <i>Cancer Research</i> , June 1, 1999, 59:2551-2556					
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		Ekstrand et al., "Amplified and rearranged epidermal growth factor receptor genes in human glioblastomas reveal deletions of sequences encoding portions of the N- and/or C-terminal tails," <i>Proc. Natl. Acad. Sci. USA</i> , May 1992, 89:4309-4313					
		Ermoian et al., "Dysregulation of PTEN and Protein Kinase B Is Associated with Glioma Histology and Patient Survival <sup>1</sup> ," <i>Clinical Cancer Research</i> , May 2002, 8:1100-1106					
		Feldkamp et al., "Signal transduction pathways and their relevance in human astrocytomas," <i>Journal of Neuro-Oncology</i> , 1997, 35:223-248					
		Frederick et al., "Diversity and Frequency of Epidermal Growth Factor Receptor Mutations in Human Glioblastomas," March 1, 2000, <i>Cancer Research</i> , 60:1383-1387					
		Gimm et al., "Differential Nuclear and Cytoplasmic Expression of PTEN in Normal Thyroid Tissue, and Benign and Malignant Epithelial Thyroid Tumors," <i>American Journal of Pathology</i> , May 2000, 156(5):1693-1700					
		Gingras et al., "Regulation of translation initiation by FRAP/mTOR," <i>Genes &amp; Development</i> , 2001, 15:807-826					
		Gupta et al., "Local Recurrence in Head and Neck Cancer: Relationship to Radiation Resistance and Signal Transduction," <i>Clinical Cancer Research</i> , March 2002, 8:885-892					

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	Mischel et al., "Targeted Molecular Therapy of GBM," Brain Pathol, 2003, 13:52-61
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